



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/050,692

DATE: 05/28/2002

TIME: 09:47:53

Input Set : A:\30331002004.txt

Output Set: N:\CRF3\05282002\J050692.raw

ENTERED

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4 <110> APPLICANT: Carney, Darrell H.
5   Crowther, Roger S.
6   Simmons, David J.
7   Yang, Jinping
8   Redin, William R.
10 <120> TITLE OF INVENTION: STIMULATION OF BONE GROWTH WITH THROMBIN
11   PEPTIDE DERIVATIVES
13 <130> FILE REFERENCE: 3033.1002-004
15 <140> CURRENT APPLICATION NUMBER: 10/050,692
16 <141> CURRENT FILING DATE: 2002-01-16
18 <150> PRIOR APPLICATION NUMBER: 09/909,122
19 <151> PRIOR FILING DATE: 2001-07-19
21 <150> PRIOR APPLICATION NUMBER: 60/219,300
22 <151> PRIOR FILING DATE: 2000-07-19
24 <160> NUMBER OF SEQ ID NOS: 6
26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 10
30 <212> TYPE: PRT
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: fragment of human prothrombin
36 <400> SEQUENCE: 1
37 Cys Glu Gly Asp Ser Gly Gly Pro Phe Val
38 1          5          10
41 <210> SEQ ID NO: 2
42 <211> LENGTH: 10
43 <212> TYPE: PRT
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: human fragment of prothrombin
W--> 49 <221> NAME/KEY: VARIANT
50 <222> LOCATION: (2)...(2)
51 <223> OTHER INFORMATION: Xaa = Glu or Gln
W--> 53 <221> VARIANT
54 <222> LOCATION: (9)...(9)
55 <223> OTHER INFORMATION: Xaa = Phe, Met, Leu, His or Val
W--> 57 <400> 2
W--> 58 Cys Xaa Gly Asp Ser Gly Gly Pro Xaa Val
59 1          5          10
62 <210> SEQ ID NO: 3
63 <211> LENGTH: 4
64 <212> TYPE: PRT

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65 <213> ORGANISM: Artificial Sequence
67 <220> FEATURE:
68 <223> OTHER INFORMATION: fragment of human prothrombin
70 <400> SEQUENCE: 3
71 Arg Gly Asp Ala
72 1
75 <210> SEQ ID NO: 4
76 <211> LENGTH: 14
77 <212> TYPE: PRT
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: fragment of human prothrombin
W--> 83 <221> NAME/KEY: VARIANT
84 <222> LOCATION: (6)...(6)
85 <223> OTHER INFORMATION: Xaa = Glu or Gln
W--> 87 <221> VARIANT
88 <222> LOCATION: (13)...(13)
89 <223> OTHER INFORMATION: Xaa = Phe, Met, Leu, His or Val
W--> 91 <400> 4
W--> 92 Arg Gly Asp Ala Cys Xaa Gly Asp Ser Gly Gly Pro Xaa Val
93 1 5 10
96 <210> SEQ ID NO: 5
97 <211> LENGTH: 25
98 <212> TYPE: PRT
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: fragment of human prothrombin
104 <400> SEQUENCE: 5
105 Ala Gly Thr Arg Tyr Lys Pro Asp Glu Gly Lys Arg Gly Asp Ala Cys
106 1 5 10 15
107 Glu Gly Asp Ser Gly Gly Pro Phe Val
108 20 25
111 <210> SEQ ID NO: 6
112 <211> LENGTH: 23
113 <212> TYPE: PRT
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: c-terminal amidated fragment of human thrombin
W--> 119 <221> NAME/KEY: AMIDATION
120 <222> LOCATION: (23)...(23)
121 <223> OTHER INFORMATION: valine is amidated as CONH2
W--> 123 <400> 6
124 Ala Gly Thr Lys Pro Asp Glu Gly Lys Arg Gly Asp Ala Cys Glu Gly
125 1 5 10 15
126 Asp Ser Gly Gly Pro Phe Val
127 20

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RAW SEQUENCE LISTING ERROR SUMMARY

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 2,9

Seq#:4; Xaa Pos. 6,13